

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A method for manufacturing a synthetic resin container, comprising:

forming a preform by performing compression molding on a drop which is a synthetic resin molten lump with a compression molding machine;

performing an even-heating treatment of the preform discharged from the compression molding machine while the preform maintains the heat conferred during compression molding, thereby obtaining an evenly-heated preform with a homogenized temperature in a thickness direction; and

performing stretch blow molding on the evenly-heated preform with a stretch blow molding machine,

wherein the compression molding, the even-heating treatment, and the stretch blow molding are continuously performed without cooling the preform formed by the compression molding to a room temperature.

2. (Cancelled).

3. (Previously Presented): The method for manufacturing a synthetic resin container according to claim 1, wherein the even-heating treatment comprises a heating and/or cooling.

4. (Previously Presented): A device for manufacturing a synthetic resin container comprising:

an extruder including an extrusion opening;
a drop cutter to cut a drop which is a synthetic resin molten lump extruded from the extrusion opening;
a compression molding machine to compress the drop forming a preform;
a carrying device to carry the drop from the drop cutter to the compression molding machine;
a even-heating device to heat-treat the preform obtaining a evenly-heated preform;
a preform discharger to discharge the preform from the compression molding machine and to carry to the even-heating device;
a stretch blow molding machine to form the evenly-heated preform into a container product;
and
a container product discharger,
wherein the extruder, the drop cutter, the compression molding machine, the heater, the stretch blow molding machine are constituted as a continuous system.

5. (Previously Presented): The device for manufacturing a synthetic resin container according to claim 4, wherein said even-heating device include a heater for partial heating and/or cooling device for partial cooling.

6. (Previously Presented): The device for manufacturing a synthetic resin container according to claim 4, further comprising a second heater to heat and crystallize a neck part of the container is further added.

7. (Previously Presented): The device for manufacturing a synthetic resin container according to claim 4, wherein:

the carrying device is a rotary conveyer provided with a plurality of drop holder, which holds and carries a drop to a molding die of the compression molding machine;

the compression molding machine is a rotary compression molding machine including a plurality of molding dies comprising male and female dies;

the even-heating device is of a rotary mechanism which treats a plurality of preforms; and

the stretch blow molding machine is a rotary-type stretch blow molding machine that performs stretch blow molding continuously to a plurality of preforms.

8. (Previously Presented): The device for manufacturing a synthetic resin container according to claim 4, wherein the stretch blow molding is a double-axis stretch blow, or a two-step blow, and the synthetic resin container is a bottle or a cup.

9. (Previously Presented): The method for manufacturing a synthetic resin container according to claim 1, wherein even-heating treatment of the preform comprises a partial heating and/or partial cooling treatment according to the temperature of the body part of the preform.

10. (Previously Presented): The method for manufacturing a synthetic resin container according to claim 1, further comprising heating and crystallizing a neck part of the container.

11. (Previously Presented): The method for manufacturing a synthetic resin container according claim 1, wherein:

- the compression molding is performed by a rotary compression molding machine including a plurality of molding dies comprising male and female dies;
- the even-heating treatment is performed by a device of a rotary mechanism which treats a plurality of preforms; and
- the stretch blow molding is performed by a rotary-type stretch blow molding machine that performs stretch blow molding continuously on a plurality of preforms.

12. (Previously Presented): The method for manufacturing a synthetic resin container according to claim 1, wherein the stretch blow molding is a double-axis stretch blow, or a two-step blow.